APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Study of the Acute and Chronic Toxicity of Some New Complex Salts of Streptomycin and Dihydrostreptomycin, by G. Weitnauer, A. Mattei, F. Simonini, 48 pp.

ITALIAN, per, Il Farmaco; Edizione Scientifica, 1957, Vol XII, No 11, pp 899-929.

SLA 59-10023

Sci - Med
CSS I, 12
Jul 59

92, 248

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

(DC-2979).

Observations of the International Petroleum Problems, by Enrico Mattei; 13 pp.

ITALIAN, per, Rassegna Italiana di Politica e Cultura, Vol XXXVI, No 410, April 1959, Rome, pp 25-35.

JPRS-L-1815-D

WEur - Italy

94,506

Aug 59

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

The Destruction of Anthrax Baccilli in the Animal Body, by R. Emmerich, Eugenio, Mattei,

GERMAN, per, Fortschr Med., Vol V, (1887), pp 653-663.

C.D.EE. Porton Tr 166

Sci - Biology 31,350

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

The Measurements of Shock Waves, by J. Mattei, 17 pp. (AF 1054868).

FRENCH, per, La Recherche Aeronautique, No 50, Mar/Apr 1956, pp [redacted] 39-44

ATIC F-TS-9122/III

Sci - Phys

54,209

Oct 57

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

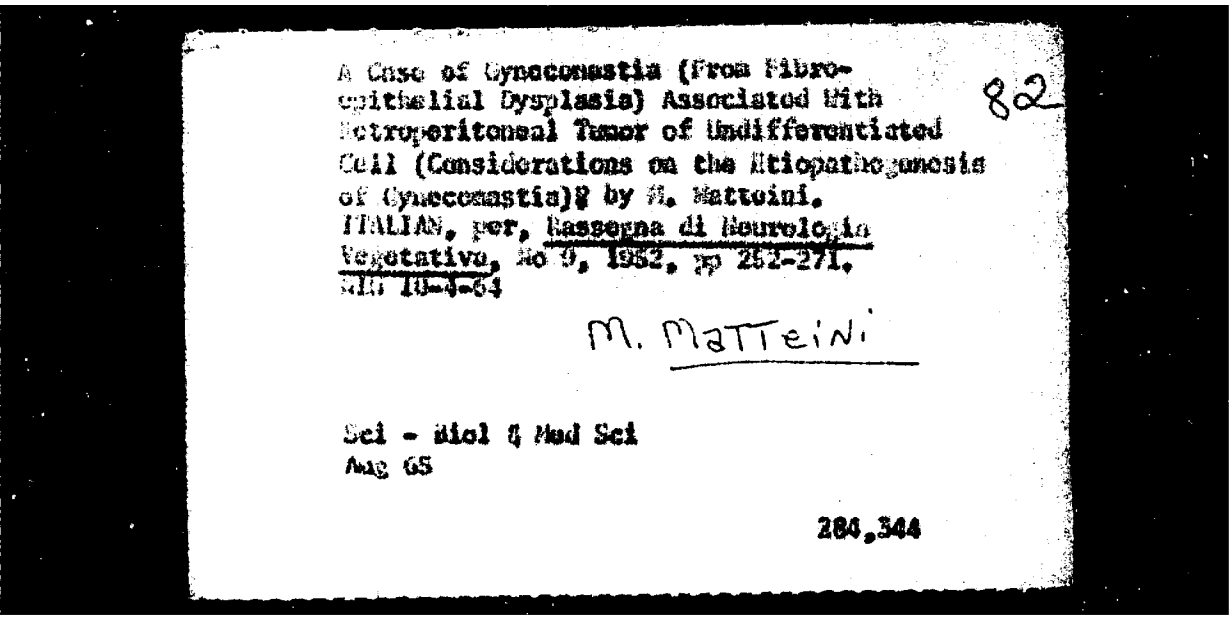
Poisoning by Nicotine Through Transcutaneous Absorption, by V. Mattei, 9 p.
ITALIAN, per, Minerva Medica, Vol XXX, No 2, 1939, pp 207-209.
K-H-313

Jan 67

317,898

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



A Case of Gynecomastia (From Fibro-epithelial Dysplasia) Associated With Retroperitoneal Tumor of Undifferentiated Cell (Considerations on the Etiopathogenesis of Gynecomastia)$ by M. Mattoini.
ITALIAN, per, Rassegna di Neurologia Vegetativo, No 3, 1962, pp 262-271.
AID 10-4-64

82

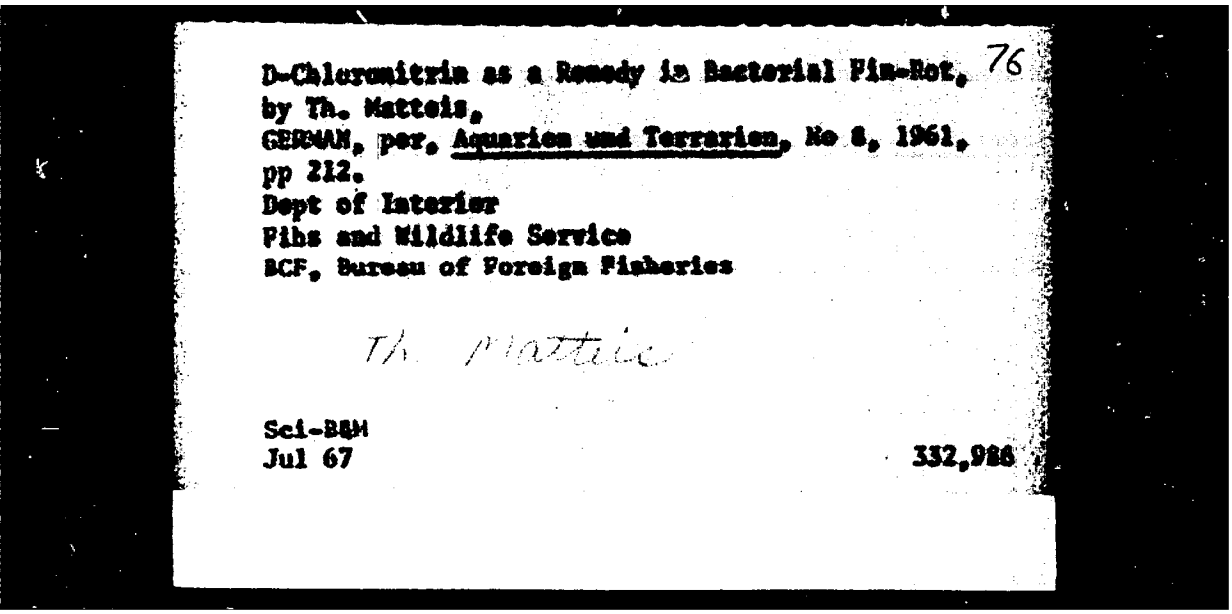
M. Mattoini

Sci - Biol & Med Sci
Aug 65

284,344

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



D-Chloramitrin as a Remedy in Bacterial Fin-Rot, 76
by Th. Mattels,
GERMAN, per. Aquarien und Terrarien, No 8, 1961,
pp 212.
Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

Th Mattis

Sci-B&M
Jul 67 332,988

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Forging Presses With Welded Frame, Parts I, II,
by K. Nickrawietz, H. Metzel.
GERMAN, per, Stahl und Eisen, Vol LXXXIV, Jul 1964,
pp 920-925.
BISI 3837

p 89

Sci-Engr
Feb 65

274,581

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Functional and Anatomic Findings With Regard to the Lymphatic Circulation of the Upper Extremity as Obtained by Lymphangio-Andenography, by G. M. Matteo, di
13 pp.

ITALIAN, per, Annali Italiani di Chirurgia, Vol XXXVII, 1960, pp 363-383.

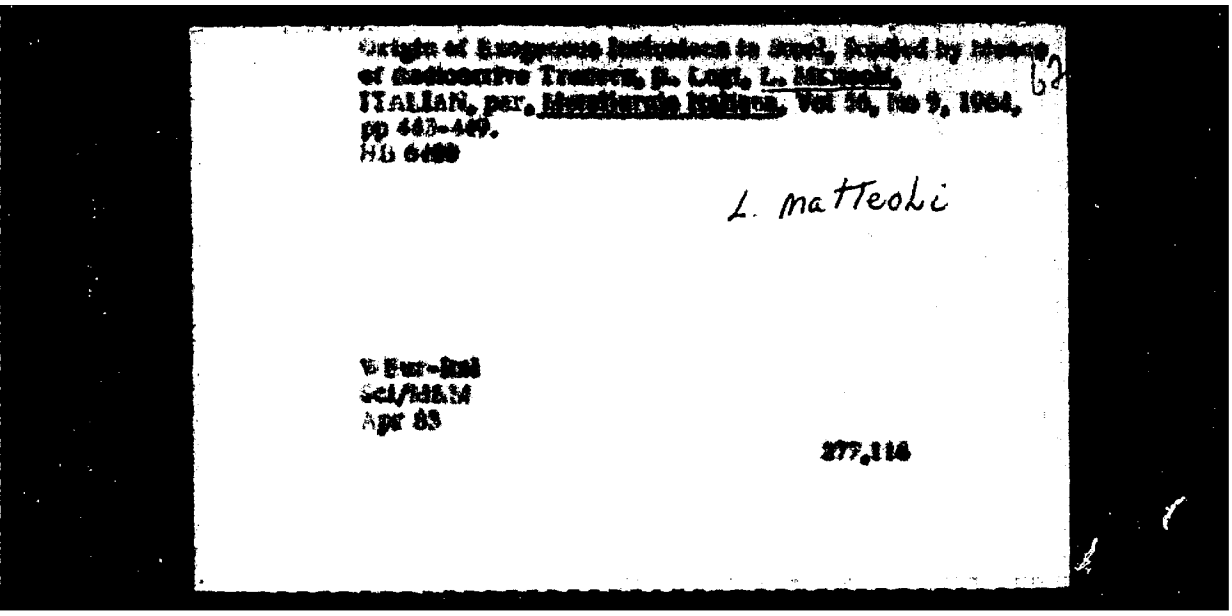
XIX 8-14-63 (Loan)

Sci - Biol & Med
Sep 63

345, 331

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Origin of European hedgehogs in Brazil, studied by means of radioactive Tracers, by Luigi L. Mercanti,
ITALIAN, per. Monitorio Italiano, Vol 56, No 9, 1964,
pp 443-449.
HB 6489

L. Matteoli

Eur-Ital
Sci/Hist
Apr 65

277.114

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Mogadiscio and Environs, by Carlo Matteotti,

ITALIAN, per, Le Vie del Mondo, Milano, Nov 1957, pp 1169-1182. Call No G1 T72, Vol XIX, No 11.

[redacted] Lib

WEur - Italy
Geog
Aug 59

94,323

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Annealing and Hardening of Duralumin, by M. Matter;

FRENCH, per, Revue de Metallurgie, 1930,
Vol XXVII, No 10, pp 560-562

SLA 59-20432

Sci
Mar 60
Vol 2, No 12

109,238

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Discontinuity Stresses at the Junctions of a Shell Cylindrical Section with a Hemispherical or an Ellipsiodal Head, by R. Mattera, Ricerca, per, Bulletin Technique, 1960.
Dept of Navy Tr 1108/Navships Tr No 1008

R. Mattera

Public APPROVAL OF THE COMMANDER, NAVAL SHIPS
SYSTEMS COMMAND
Sci-Tech Dtc Engr
Mar 67
320.203

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

74

Hyper-Beta-Necroglobulinemia Accompanying Experimental Trypanosomiasis of the Rabbit Due to Trypanosoma Equiperdum, by M. P. Mattern.
FRENCH, per. Comptes Rendus Acad Sci, No 256, 1963, pp 820-822.
UII 10-41-64

M. P. MATTERN

Sci - Biol & Med Sci
Aug 65

284,369

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Important β 2-Macroglobulinorachia in Patients With African Trypanosomiasis, by P. Mattern.
FRENCH, per, Annales de l'Institut Pasteur, Vol CII, No 1, 1962, pp 64-69.
NIH 10-48-64

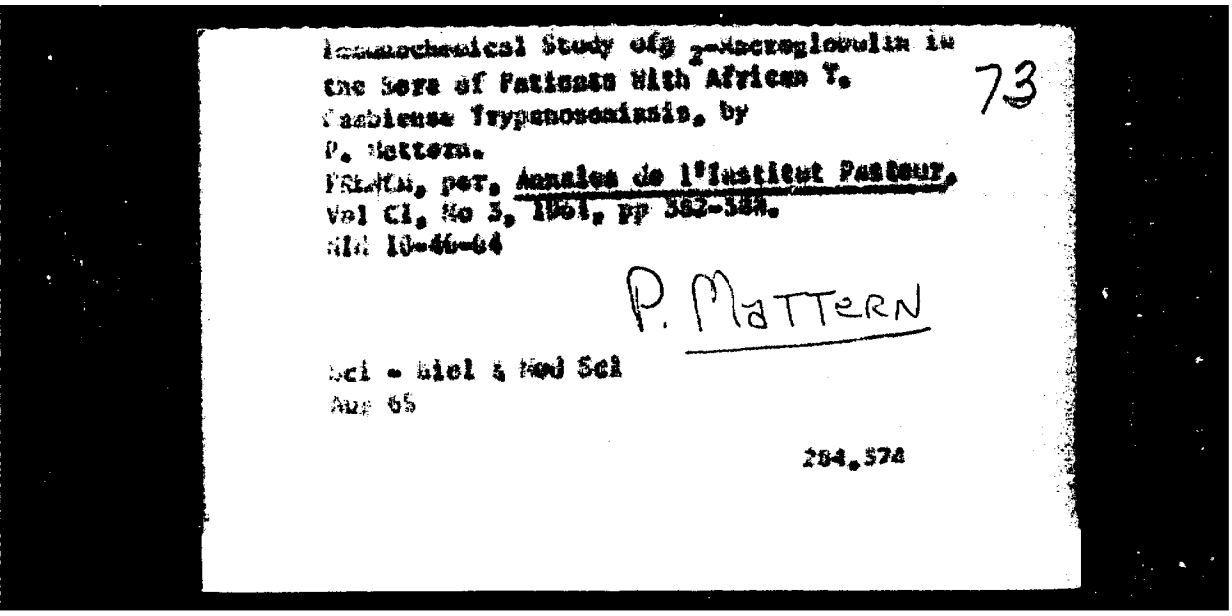
P. MATTERN

Sci - Biol & Med Sci
Aug 65

184,376

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Immunochemical Study of γ_2-Macroglobulin in the Sera of Patients With African T. Gambiense Trypanosomiasis, by
P. Mattern.
Fr, per, Annales de l'Institut Pasteur,
Vol CI, No 3, 1961, pp 382-388.
Mic 10-46-64

P. MATTERN

Sci - Biol & Med Sci
Aug 65

284,574

73

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Biology of Development of Fasciola Hepatica Larvae, Especially the Influence of H-Ion Concentration on the Hatching of the Miracidia, by O. Mattes.

GERMAN, per, Zoologischer Anzeiger, Vol LXIX, 1927, pp 138-155.

CSIRO 4702

Sci - Biol

157,799

Jun 61

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Host Finding and Host Specificity of Parasites,
by O. Mattes.

GERMAN, per, Verhandlunger der Deutschen
Zoologen 1948 in Kiel, 1949, pp 165-173.

CSIRO 3839

Sci - Biol
Aug 62

207,231

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Host Finding, Invasion Process, and Host Specificity of the Fasciola Miracidium, by O. Mattes.

GERMAN, per, Z. fuer Parasitenkunde, Vol XIV, No 4, 1949, pp 320-363.

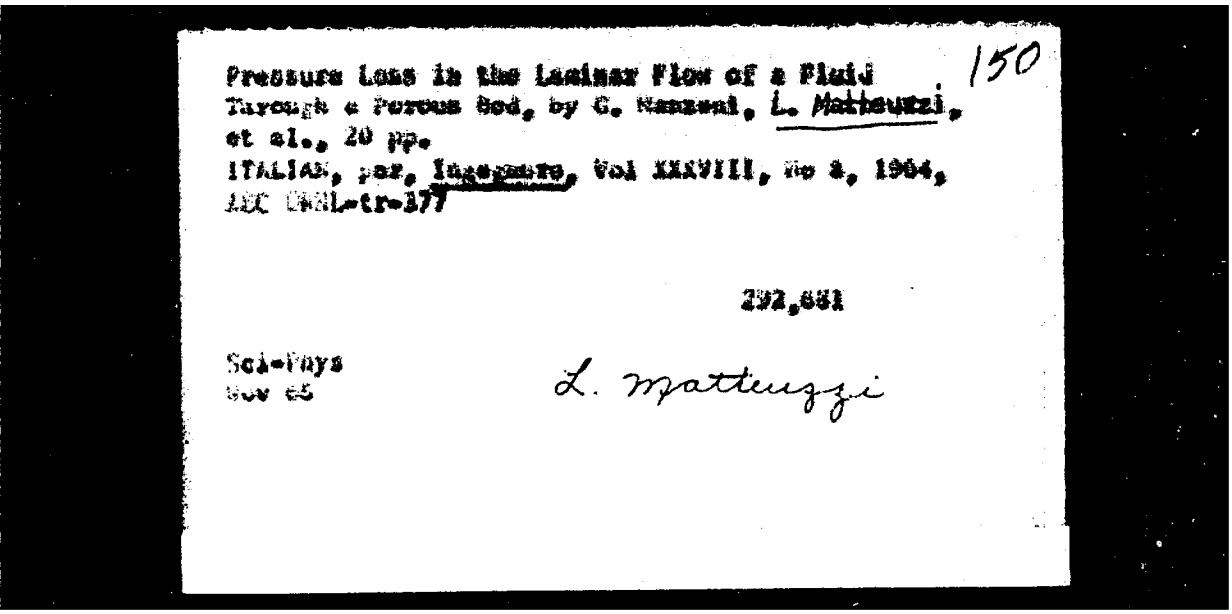
CSIRO 3940

Sci - Biol
Aug 62

201, 230

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Pressure Loss in the Laminar Flow of a Fluid Through a Porous Bed, by C. Manzoni, L. Matteuzzi, et al., 20 pp.
ITALIAN, par. Ingegnere, Vol XXXVIII, No 8, 1964,
AEC NSL-tr-377

150

292,681

Sci-Phys
Nov 65

L. Matteuzzi

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Practical Experiences With the Planetary Mill,
by H. Matthaei.

GERMAN, per, Stahl und Eisen, Vol LXXXI,
20 Jul 1961, pp 1017-1021.

BISI 2446

Sci - Engr

175,866

Dec 61

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Matthaei, H.
OBERHAUSEN PLATE MILL (STRUCTURAL FEATURES OF A NEWLY ERECTED PLATE MILL).
[1961] [6]p. 1 ref.
Order from SLA $1.10 61-18781

Trans. of Stahl u[nd] Eisen (West Germany) 1958, v. 78, no. 22, p. 1609-1611.

DESCRIPTORS: *Rolling mills, Design, Metal plates, Processing.

(Machinery, Fabrications, and Accessory Equipment, TT, v. 6, no. 12)

61-18781

I. Matthaei, H.

Office of Technical Services

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Oberhausen Plate Mill: Structural Features of a Newly Erected Plate Mill, by H. Matthaei. UNCL

GERMAN, per, Stahl u Eisen, 30 Oct 1958, pp 1609-1611.

British Iron and Steel Ind 1183 (L2 15s.0d.)

EEur - East Germany
Econ
Sci - Engr
Apr 59

83,814

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

The Notched-Bar Tensile Test and Its Application for the Establishment of Tendency to Brittle Fracture, by Flossner, Matthaes. UNCLASSIFIED

GERMAN, per, Schweizer Archiv, No 8, 1957, pp 249-258; No 9, pp 292-304.

Co-op Tr Scheme
Tr 763
(L9.0.0)

Sci - Min/Met
Apr 58

62,682

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

The Risk of Yield and Fracture Under Multiaxial Stress, by K. Matthaes.

GERMAN, per, Metallwiss u Technik, Vol X, No 17/18, 1956, pp 795-800.

DSIR/29272/CT

Sci - Physics
Oct 57

53,893

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

On the Effect of Loading on the Hazard of Fracture Due to Stress Corrosion, by K. Matthaes.

GERMAN, per, Metallforschung, Vol II, Jul/Aug 1947 XXX pp 213-225.

Navy Tr No 1405/BuShips 625

43,139

Sci - Min/Metals
Jan 57 CRB/dex

SLA 58-1089

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Strength, Viscosity, and Behavior Under Gunfire of Organic Glasses. Report 129, by K. Matthaes, 32 pp.

GERMAN, per, Lilienthal Ges Luftfahrtforsch, p 33.

SLA 3180

Sci

Aug 58

69, 826

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Significance of the Notch-Impact Test, by W. Schwinning, K. Matthaes, UNCLASSIFIED

GERMAN, per, Deutscher Verband fuer Materialpruefung der Technik, Bericht, 78, 1927, pp 3-13. (Reviewed by Franz Laszlo in per, Zeitschrift des Vereins Deutscher Ingenieure, Vol LXXII, No 9, Mar 1926.)

Navy Tr 370, 371/NRL 353, 354
Also S.L.A. Tr Pool

Scientific - Engineering
Jun 51 CTS/DEX

13,939

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Acceptance Testing of XXXXX Aluminum Alloys With the Electro-Inductive Testing Device of Dr. Schirp, 7 pp.

by Kurt Matthaes

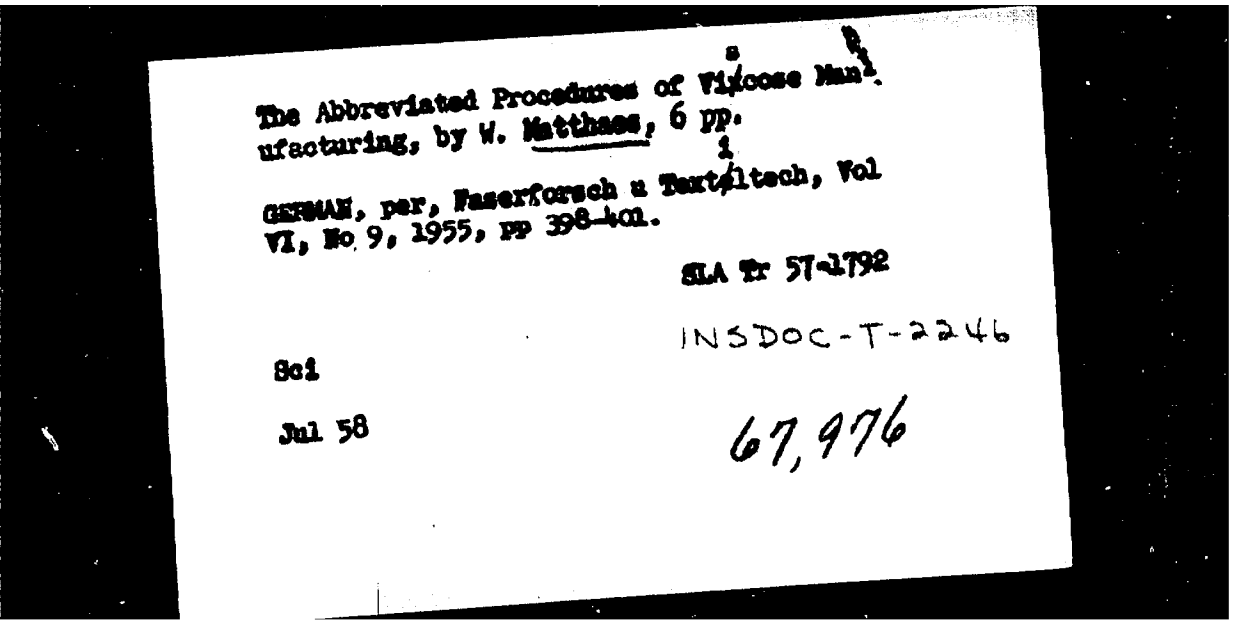
GERMAN, per, Aluminium, Vol XXV, 1943, pp 10-110.

AEC Tr 1775

1 pr. 396

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



The Abbreviated Procedures of Viscose Manufacturing, by W. Matthaes, 6 pp.

GERMAN, per, Faserforsch u Textiltech, Vol VI, No 9, 1955, pp 398-401.

SLA Tr 57-1792

INSDOC-T-2246

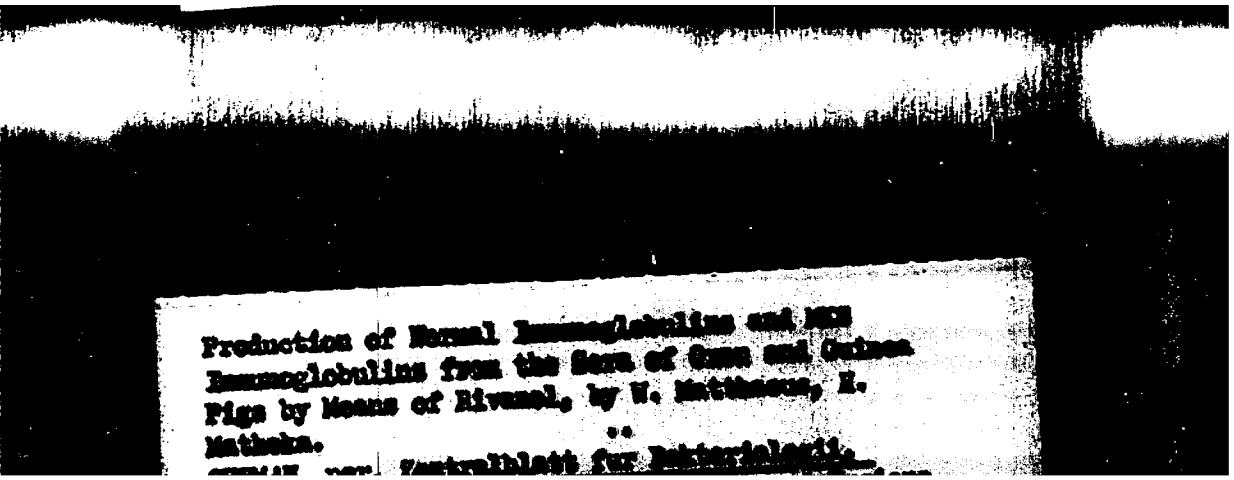
Sci

Jul 58

67,976

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

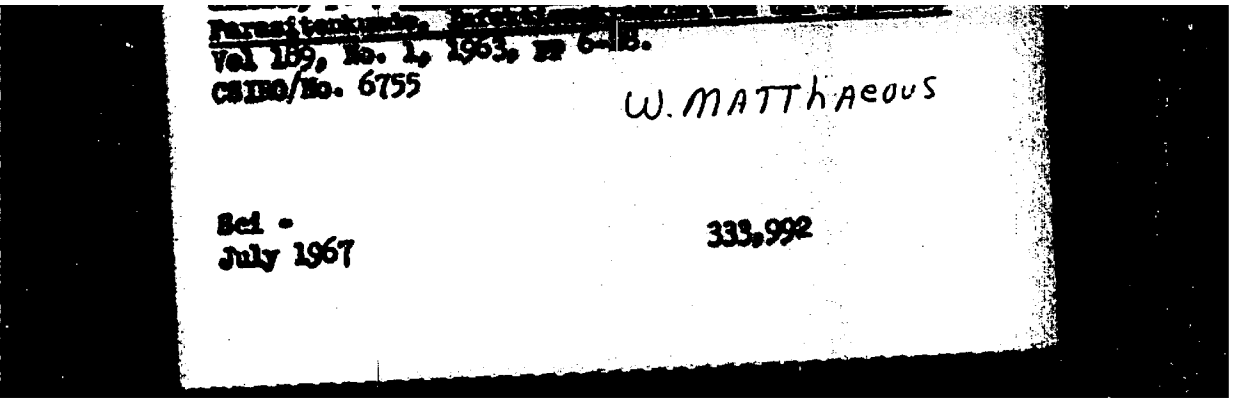
APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Production of Normal Immunoglobulins and MCH
Immunoglobulins from the Sera of Cows and Guinea
Pigs by Means of Rivanol, by W. Matthaeus, H.
Matthaeus.
... Zentralblatt für Bakteriologie, ...

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

44

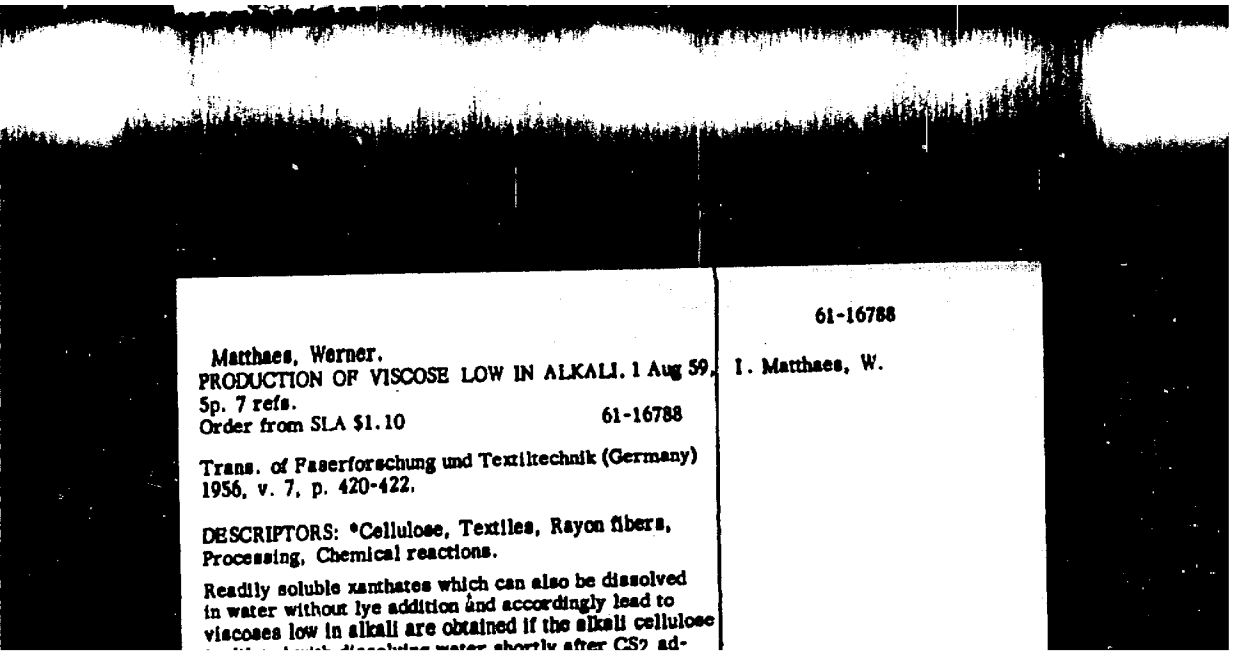
Electrometric Measurement of pH of Tear Fluid Under Physiological and Pathological Conditions, by Wolfgang Matthaeus, 11 pp.
GERMAN, per, Klin Mbl Augenheilk., Vol 141, Dec 1962, pp 899-907.
Dept of Navy NIC Trans 3107

Wolfgang Matthaeus

Sci/B&M
Oct 70

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



61-16788

Matthaes, Werner.
PRODUCTION OF VISCOSE LOW IN ALKALI. 1 Aug 59, 5p. 7 refs.
Order from SLA $1.10 61-16788

Trans. of Faserforschung und Textiltechnik (Germany) 1956, v. 7, p. 420-422.

DESCRIPTORS: *Cellulose, Textiles, Rayon fibers, Processing, Chemical reactions.

Readily soluble xanthates which can also be dissolved in water without lye addition and accordingly lead to viscoses low in alkali are obtained if the alkali cellulose

1. Matthaes, W.

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Influence of Residual Stresses on Detection of Flaws in Steel Tubing by Electromagnetic Means, by K. Matthayes.

GERMAN, per, Zeit Metallkunde, Vol XLIV, 1953, pp 473-474.

Henry Brutcher 4332
$3.85

Sci - Electronics, Engr
Oct 58

75,720

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Matthes, A.
USE OF STATISTICS IN THE RESEARCH WORK OF THE PULP AND REGENERATED FIBER INDUSTRY. [7 Feb 63] [26]p. 3 refs.
Order from SLA $2.60 63-18272

Trans. of das Papier (West Germany) 1962, v. 16, no. 6, p. 229-236.

DESCRIPTORS: Industrial research, Statistical analysis, *Wood pulp, *Fibers (Synthetic), Paper industry, Rupture, Probability, Tensile properties, Viscose, Cellulose, Chemical properties.

(Materials--Paper, TT, v. 10, no. 11) (over)

63-18272

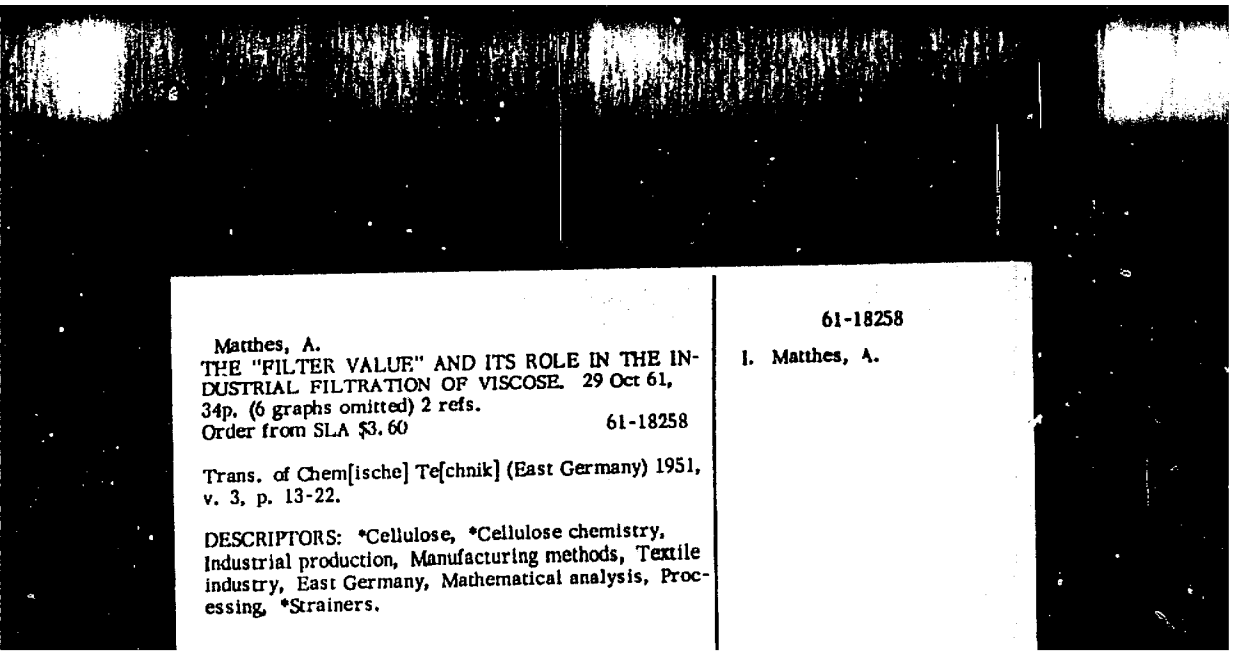
I. Matthes, A.

1255303

Office of Technical Services

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Matthes, A.
THE "FILTER VALUE" AND ITS ROLE IN THE INDUSTRIAL FILTRATION OF VISCOSE. 29 Oct 61, 34p. (6 graphs omitted) 2 refs.
Order from SLA $3.60 61-18258

Trans. of Chem[ische] Te[chnik] (East Germany) 1951, v. 3, p. 13-22.

DESCRIPTORS: *Cellulose, *Cellulose chemistry, Industrial production, Manufacturing methods, Textile industry, East Germany, Mathematical analysis, Processing, *Strainers.

61-18258

I. Matthes, A.

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

The Structure of the Gel of Regenerated Cellulose Fibres, I: by [illegible] E. Hubert, A. Matthes, K. Weisbrod, 12 p.

GERMAN, per, Kolloid Zeit, 1942, Vol XCVIII, No 2, pp 173-180.

SLA 59-20110

Sci
Feb 60
Vol 2, No 10

108841

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

The Ripening Mechanism of Viscose, by A. Matthes, 25 pp.

GERMAN, per, Faserforschung und Textiltechnik, 1952, Vol III, No 4, pp 127-141.

SLA 59-10151

Sci - Chem
CSS I, 12
Jul 59

92, 259

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Course and Equilibrium of Caprolactam Plymerization, by A. Matthes, 11 pp.

GERMAN, per, Die Makromol. Chem., Vol 13, No 1, 1954, pp 90-101.

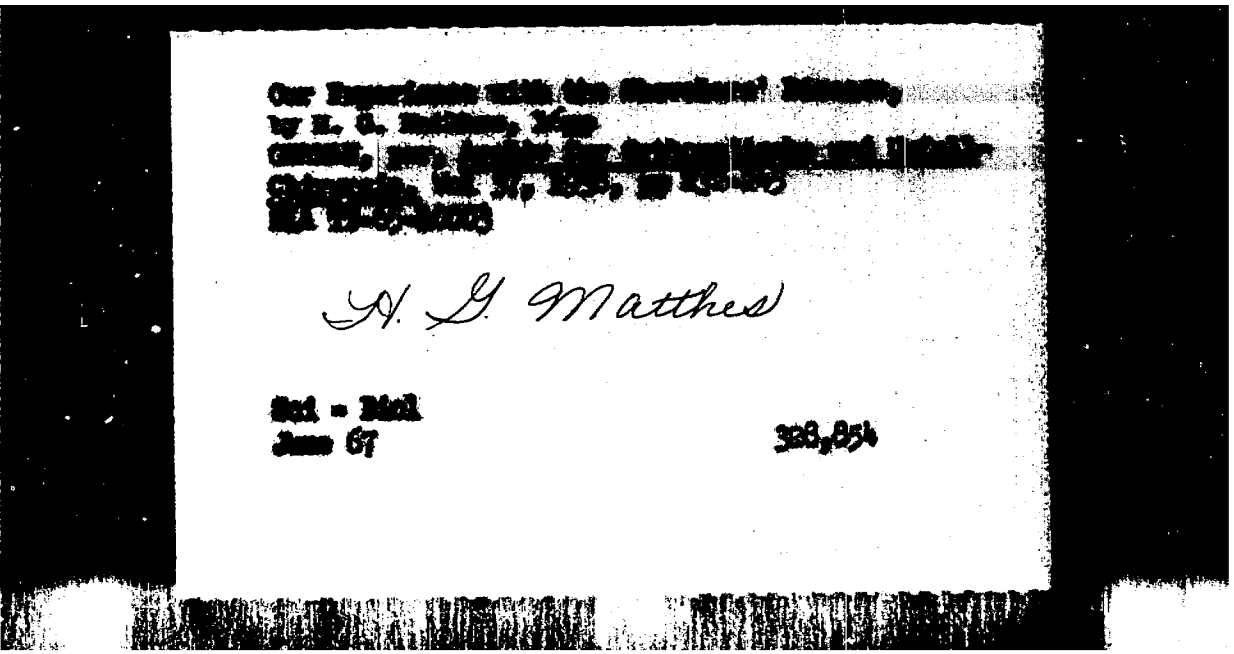
SIA TR - 57-1787

Sci

65, 783

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



A. G. Matthes

328,854

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Theory and Practice of Viscose Filtration: Effect of Filter Design, Filtration Pressure, and Viscose Viscosity on Plugging and Retention Properties of Viscose Filters, by A. Matthes.
GERMAN, per, Faserforschung und Textiltechnik, Vol XV, No 1, 1964, pp 39-43.
ATS 21R78G

Apr 67 323,121

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Comments on Paper "Concentration-Viscosity Curves as an Index of the Cross-Linking of Perlon", by A. Matthes, 2 pp.

GERMAN, per, Faserforschung und Textiltechnik, Vol IV, No 12, [redacted] 1953, pp 510, 511.

S.L.A. Trans 957

Sci - ~~Physics~~ Chemistry

29,893

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

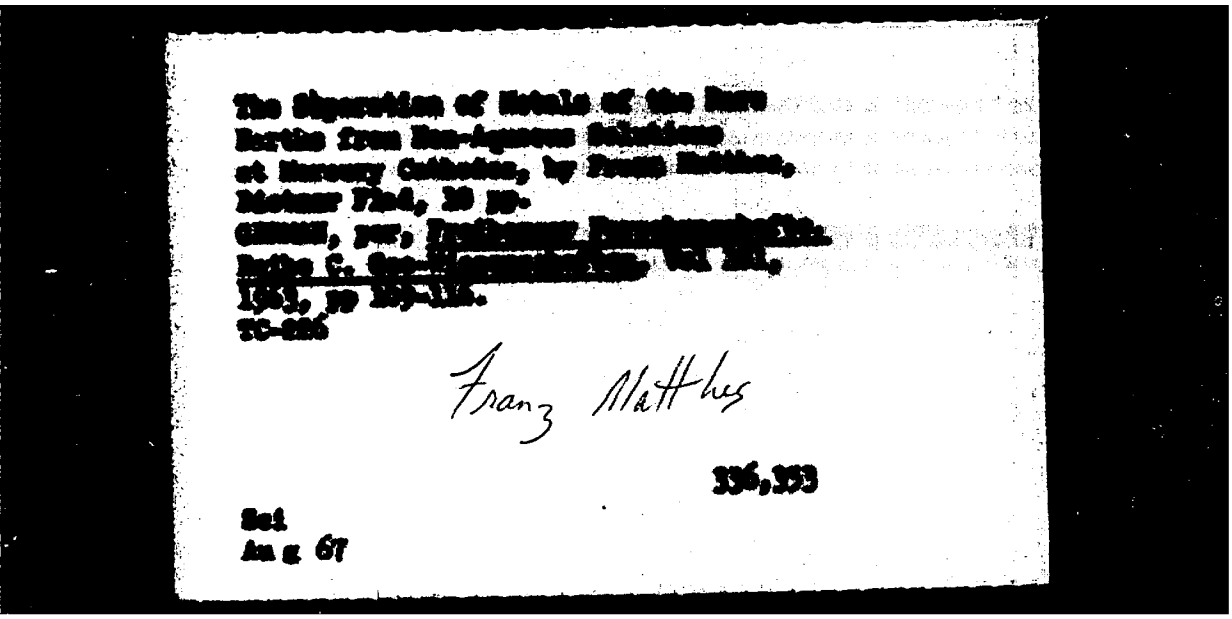
E. Matthes

The Skin Thickness of Mammalia in General and the Sirenia in Particular.
GERMAN, per, Zeitschrift fuer Wissenschaftliche Zoologie, Vol 134, 1929, pp 345-357
NTC 72-60481-06C

sept 72

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



[redacted]

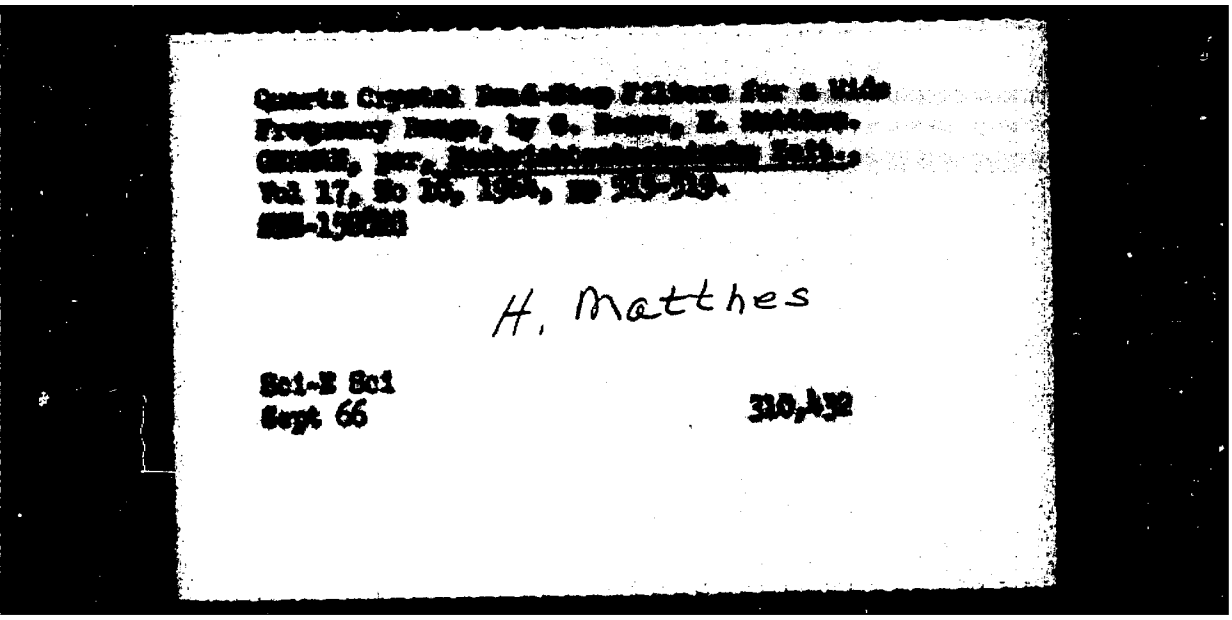
Franz Matthes

336,353

Sci
Am v. 67

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Quartz Crystal Band-Stop Filters for a Wide Frequency Range, by S. Sussa, H. Matthes, [illegible], Vol 17, No 10, 1966, pp 913-918.

H. Matthes

Sci-2 Sci
Sept 66

330.432

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

(SF-2900)

INTERRELATIONSHIPS BETWEEN THE CHARACTER OF LABOR PRODUCTIVITY, WAGES, AND THE MATERIAL INTEREST OF WORKERS, BY HARRY MATTHES, 11 PP.

GERMAN, PER, ARBEIT UND SOZIALFUERSORGE, VOL XVII, NO 10, MAY 1962, PP 220-224.

JPRS 15184

EEUR - GERMANY
ECON
SEP 62
EE

210,757

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Material Self-Interest and the Production Plan,
by ~~HHH~~ Harry Matthes, 14 pp.

GERMAN, per, Einheit, No 8, Berlin, 1962,
pp 13-24.

JMPRS 15598

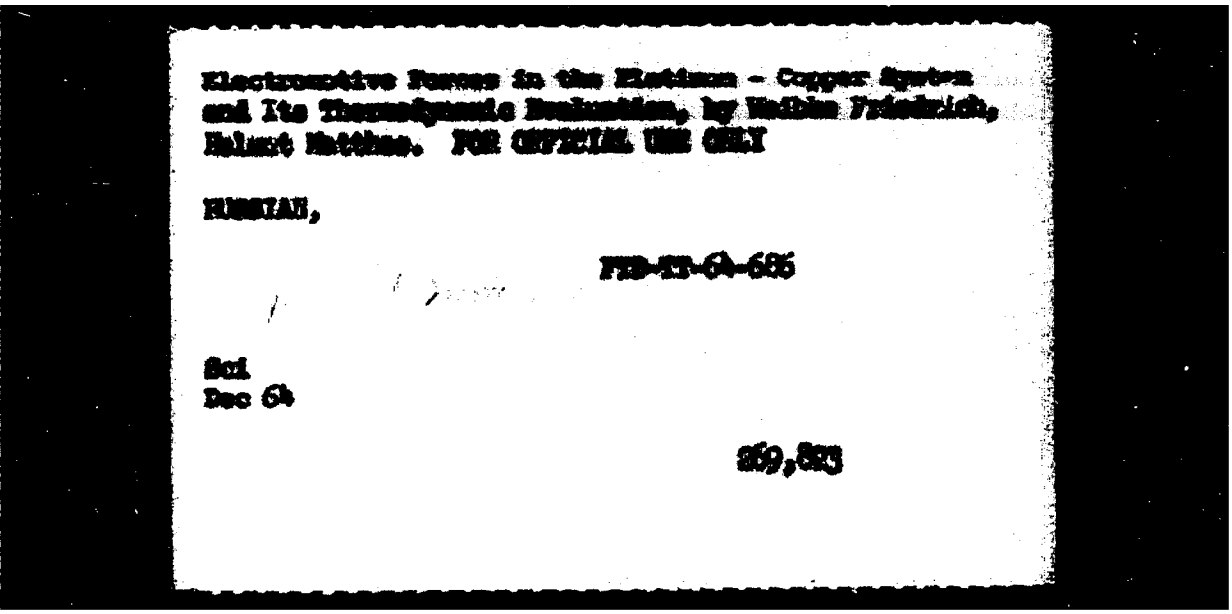
G
EE- Germany
Econ

Oct 62

~~[illegible]~~
315,383

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Electromotive Forces in the Platinum - Copper System and Its Thermodynamic Evaluation, by Walther Friedrich, Helmut Matthes. FOR OFFICIAL USE ONLY

RUSSIAN,

FTD-TT-64-686

Sci
Dec 64

39,883

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Contribution to the Knowledge of Alcohol Bases.
Communication No 1, by Hermann Matthes, 5 p.

GERMAN, per, Partial Trans, Justus Liebigs Annalen der Chemie, 1901, Vol CCCXV, No 1, pp 104-137/

SLA 60-10559

Sci
May 60
Vol 3, No 4

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Relationship of the Peripheral Volume
Pulse Amplitude to Arterial Pressure
Amplitude, by K. Matthes, et al.
GERMAN, per. Arch Kreislaufforsch, Vol XVIII,
1952, pp 124-128.
NASA TT F-9703

K. Matthes

U. S. GOVERNMENT USE ONLY
Sci-Engr
Mar 66 296,1200

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Matthes, M. and Keworkian, A.
THE DEPENDENCE OF THE ABRASION RESISTANCE ON THE TWISTING OF THE SPUN GOODS, II. B. Evaluation. [1961] 18p. (8 figs. omitted) 1 ref. Order from SLA mi$2.40, ph$3.30 61-14053

Trans. of Melliand Textilberichte (Germany) 1943, v. 24 [no. 6] p. 249-254.

(Materials--Textiles, v. 5, no. 12)

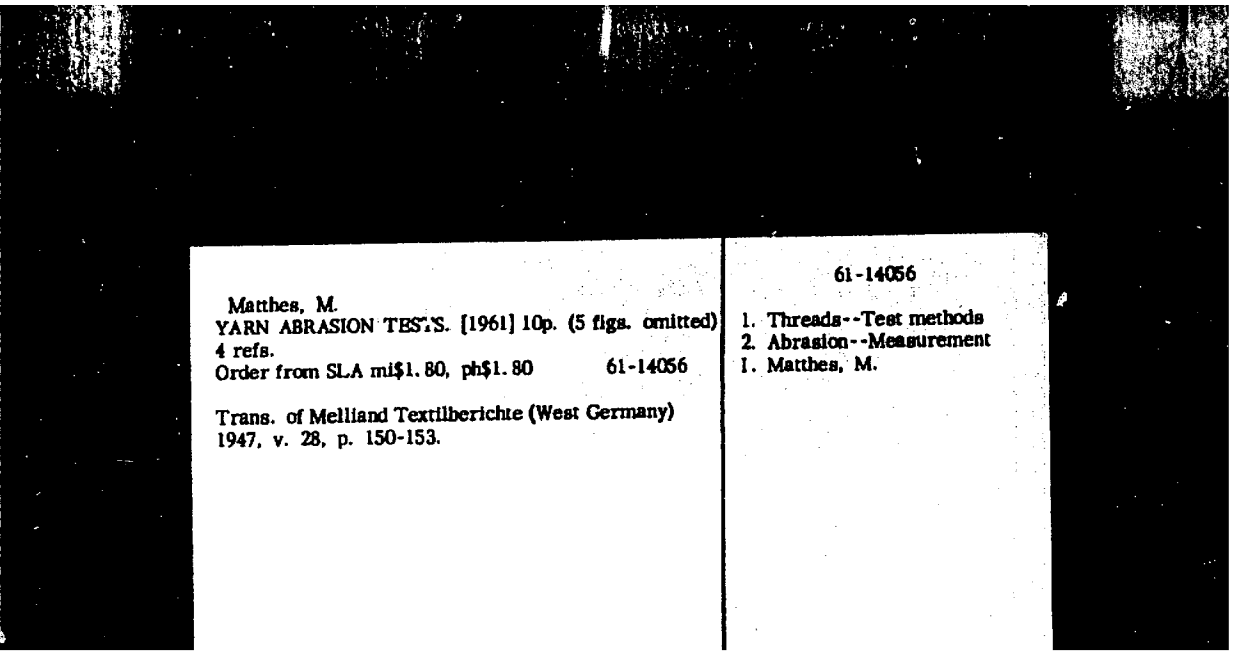
61-14053

1. Woolen textiles--Stresses
2. Woolen textiles--Test methods
I. Matthes, M.
II. Keworkian, A.

Office of Technical Services

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Matthes, M.
YARN ABRASION TESTS. [1961] 10p. (5 figs. omitted) 4 refs.
Order from SLA mi$1.80, ph$1.80 61-14056

Trans. of Melliand Textilberichte (West Germany) 1947, v. 28, p. 150-153.

61-14056

1. Threads--Test methods
2. Abrasion--Measurement
I. Matthes, M.

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

On the Question of the Formation of a Carcinoma on the Basis of a Thorotrast-Scarred Liver, by T. Matthes, 23 pp.

GERMAN, per, Strahlentherapie, Vol XCIX, 1956, pp 94-105.

NIH 6-11

Sci - Med

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Thorotrast Injuries and Cancer Risk, by T. Matthes, 41 pp.

GERMAN, per, Archiv für Geschwulstforschung, Vol VI, No 2, 1954, pp 162-181.

33,522

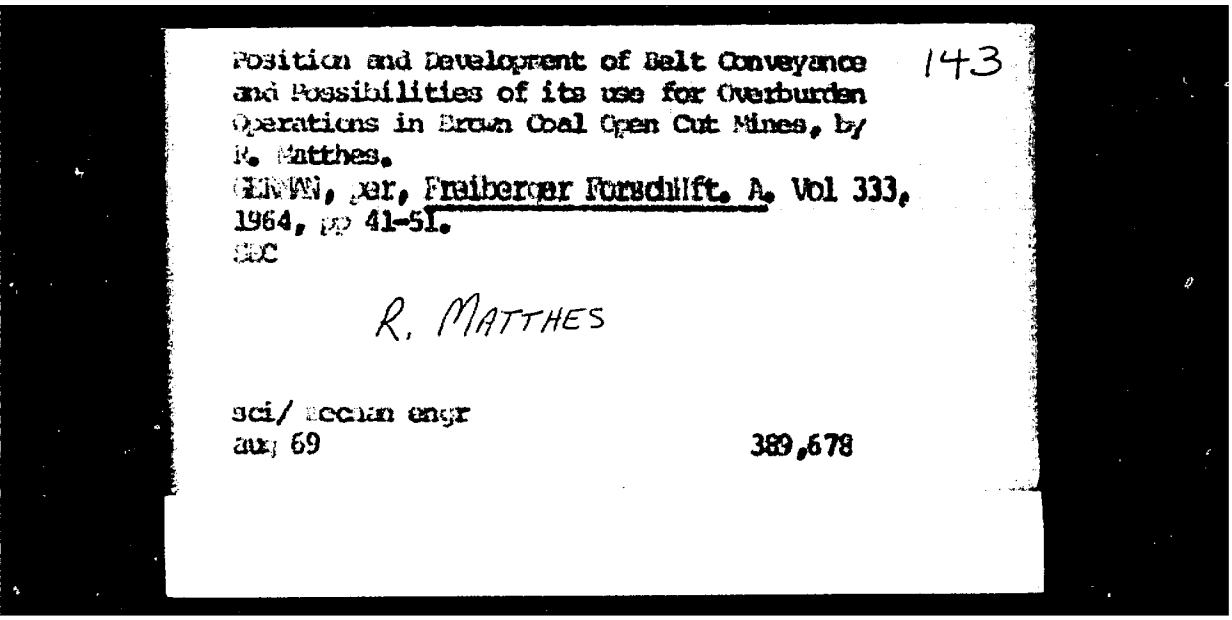
NIH 312

Scientific - Medicine

SLA 499/56

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Position and Development of Belt Conveyance and Possibilities of its use for Overburden Operations in Brown Coal Open Cut Mines, by R. Matthes. 143

[illegible]ber, Freiberger Forschhft. A. Vol 333, 1964, pp 41-51.

GDC

R. MATTHES

sci/[illegible]ecnan engr
aug 69

389,678

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Memorandum on Development of the Agricultural Counseling Progr[illegible] in Schlewig-Hostein and Hamburg Since January 1, 1947, by Bernd Mattheus.

GERMAN

USDA per
NC State College

Jun 59

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Fundamentals of Counseling Program, by Bernd Mattheus.

GERMAN

USDA Per
NC State College

Jun 59

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Suggestions for the Organization of the Counseling Program in Schleswig-Hostein, by Bernd Mattheus.

GERMAN

USDA per
NC State College

Jun 59

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

The Pressure Die Casting Industry, by Karl Matthaus, 8 pp.

GERMAN, per, Die Giesserei, Vol XXIX, No 12, June 1942.

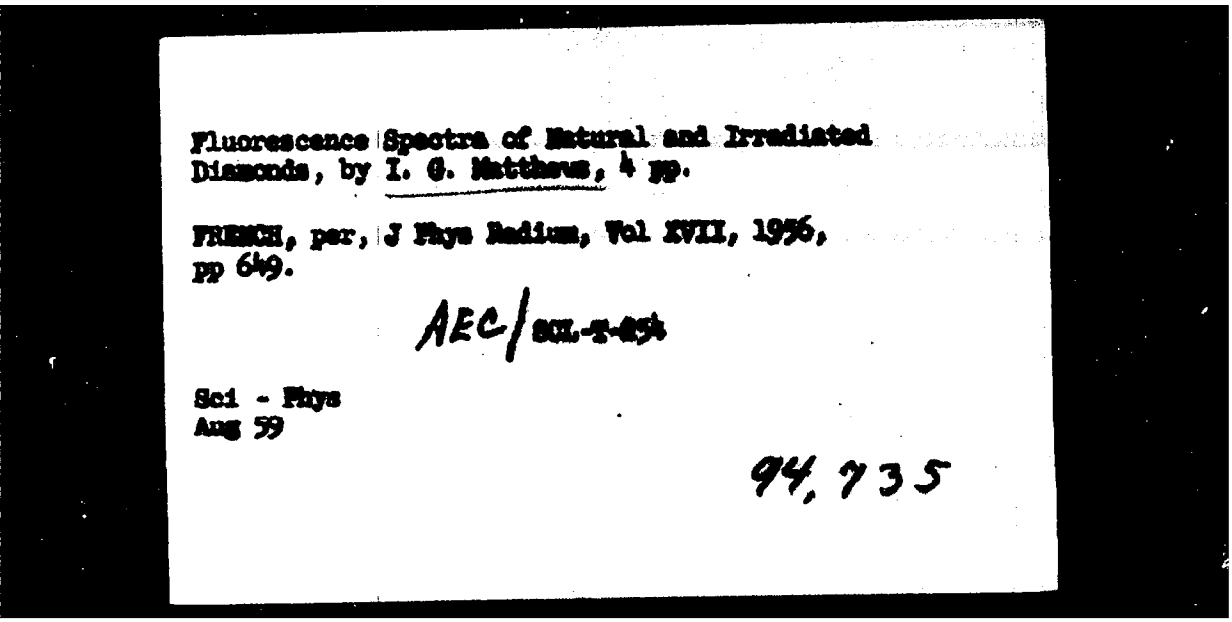
S.L.A. Tr 102/1956

34,012

Scientific - Engineering

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Fluorescence Spectra of Natural and Irradiated Diamonds, by I. G. Matthews, 4 pp.

FRENCH, per, J Phys Radium, Vol XVII, 1956, pp 649.

AEC/SCI.-T-654

Sci - Phys
Aug 59

94,735

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Series Investigations with the Use of a New Form of Paper-Strip Chromatography, by W. Matthias.

GERMAN, per, Naturwissenschaften, Vol XLI, 1954, pp 1-3.

INSDOC-T1896

Sci

Aug 58

72,814

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

A Paper Chromatographic Method for Serial Experiments in Plant Breeding, by W. Matthias.

GERMAN, per, Zuchter, Vol XXIV, 1954, pp 313-316.

9
IMSDOC-1847

1
Sc
Apr 59

84,922

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Filters of Exceptional Band Widths Obtained by Means of Grown Crystals, by W. Bantle, B. Matthias, P. Scherrer, 14 pp.

GERMAN, per, Schweiz Arch ~~NW~~ Wiss u Tech, Vol XI, No 6, 1945, pp 161-164.

SLA Tr 57-629

Sci - Electricity

50,560

Aug 57

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Single Crystals of Barium-Titanium Compounds, by H. Blattner, B. Matthias, W. Merz, 7 pp.

GERMAN, per, ~~MXM~~ Helv Physica Acta, Vol XX, No 2, 30 Apr 1947, pp 225-228.

SLA Tr 57-981

Sci - Chemistry
Oct 57

54,457

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

On a Simple Method for Paper Chromatographic Investigations (Wedge-Strip Process), by Werner Matthias, 5 pp.

GERMAN, per, Die Naturwissenschaften, Vol XLIII, No 15, 1956, pp 351-352.

SLA 59-10311

Sci-Chem
Jun 59
OTS I, 10

89,695

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

(FDD 21643)

Conference of the Pavlov State Commission of the German Democratic Republic Leipzig, 15-17 January 1954, by L. Pickenhain, Dr Matthies, 47 pp.

GERMAN, Das Deutsche Gesundheitswesen Zeitschrift fuer Medizin, Vol IX, Berlin, 15 Apr 1954, pp 457-471.

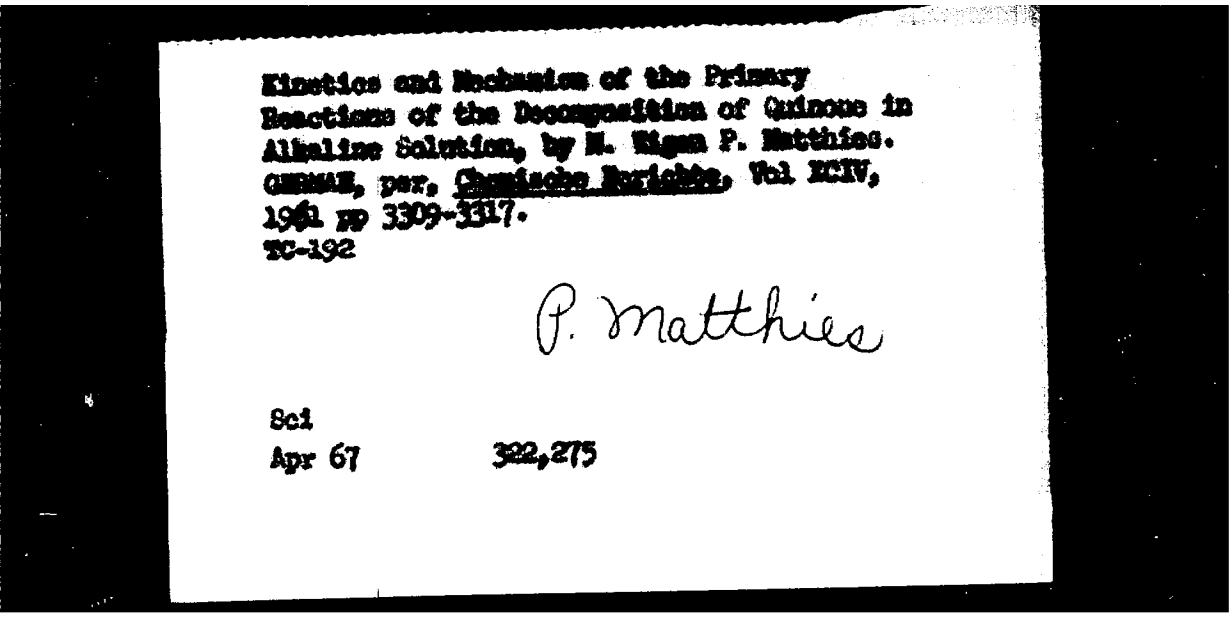
CIA/FDD/U-6493

USSR
Sci - Medicine, health service

18,959

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Kinetics and Mechanism of the Primary Reactions of the Decomposition of Quinone in Alkaline Solution, by M. Wigan P. Matthies. CHEMIE, per. Chemische Berichte, Vol XCIV, 1961 pp 3309-3317.
TC-192

P. Matthies

Sci
Apr 67 322,275

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Low-lying levels of O^{17} and F^{17} in the alpha-particle model

By S Matthies, V. G. Neudachin (p. 9)

RUSSIAN, per. Iz Ak Nauk SSSR, Ser Fiz, Vol XXXVI, NO 8, 1962 pp. 1060-1068

CT

Sci

Aug 63

343,085

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

[redacted].

Determination of the Mutual Arrangement of Nucleon Associations in a Nucleus by Aid of the Directed Orbital Method, by S. Matthies, V. G. Neudachin, et al, 7 pp.
RUSSIAN, per, ZHUr Eksper i Teoret Fiz, Vol XLV, No 2, 1963, pp 1[redacted].

Amer Inst of Phys
Sov Phys - JETP
Vol XVIII, No 1

Sci
Feb 64

249,307

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Single-Particle Levels in O^{17} and F^{17} Nuclei Under the Assumption of Strong Coupling of Nucleon and Tetrahedrally Symmetric Core, by S. Matthies, V. G. Neudachin, et al, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLII, No 2, 1962, pp 592-596.

AIP
Sov Phys - JETP
Vol XV, No 2

Sci
Sep 62

211,673

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Application of Some Nuclear Theory Methods to Molecular Collisions, by X. Matthies, V. G. Neudachin, 8 pp. RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLV, No 2, 1963, pp 131-143.

Amer Inst of Phys
Sov Phys - JETP
Vol XVIII, No 1

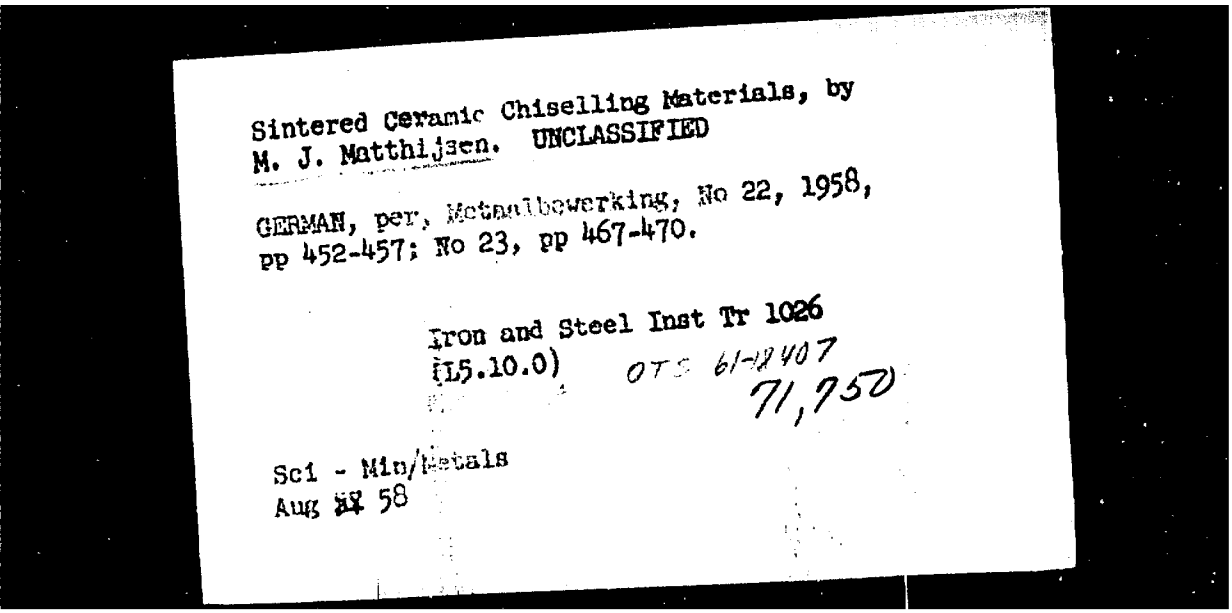
Sci

Feb 64

249,309

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Sintered Ceramic Chiselling Materials, by M. J. Matthijsen. UNCLASSIFIED

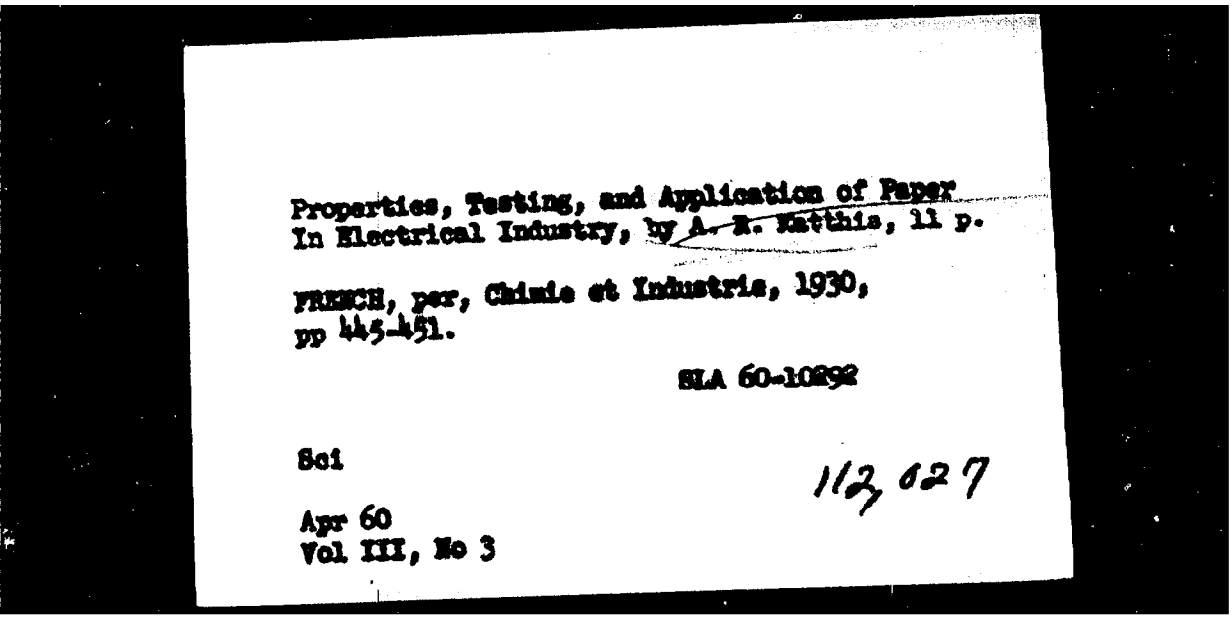
GERMAN, per, Metallbewerking, No 22, 1958, pp 452-457; No 23, pp 467-470.

Iron and Steel Inst Tr 1026
(L5.10.0) OTS 61-12407
71,750

Sc1 - Min/Metals
Aug 58

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Properties, Testing, and Application of Paper
In Electrical Industry, by A. R. Matthis, 11 p.

FRENCH, per, Chimie et Industrie, 1930,
pp 445-451.

SLA 60-10292

Sci

112,027

Apr 60
Vol III, No 3

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Matthys, G.
MAXIMUM INPUT IN A NETWORK OF LINKED BUNDLES (Flot Optimum dans un Reseau a Capacites de Faisceaux). [1963] [17]p. (foreign text included)
5 refs.
Order from SLA $1.60 63-14056

Trans. of mono. International Conference on Operations Research (no. 2) 1960. Proceedings, p. 164-170.

DESCRIPTORS: *Transportation, *Traffic, Networks, Operations research, *Linear programming.

Certain problems of flow introduce restraints of maximum capacities relative to sets of arcs. Such sets, disjointed or not, are here designated by the name of bundles. The application of the method of resolution of linear programs known by the name of (Machinery--Transport, TT, v. 10, no. 4) (over)

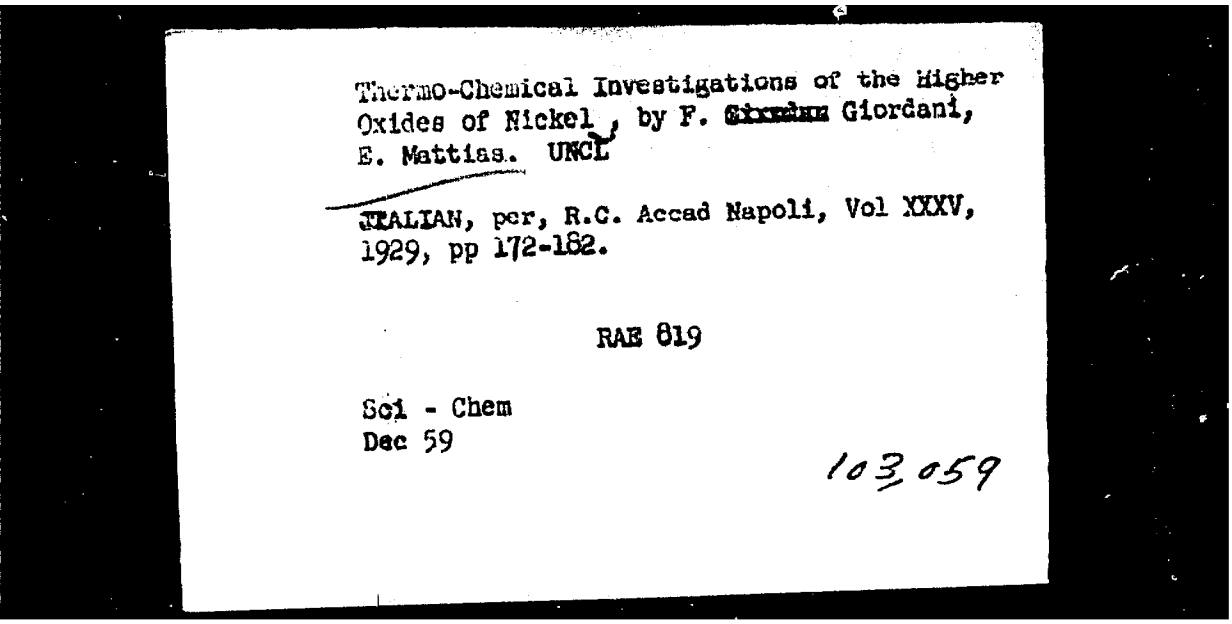
63-14056

1. Matthys, G.

Office of Technical Services

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Thermo-Chemical Investigations of the Higher Oxides of Nickel, by F. Giordani, E. Mattias. UNCL

ITALIAN, per, R.C. Accad Napoli, Vol XXXV, 1929, pp 172-182.

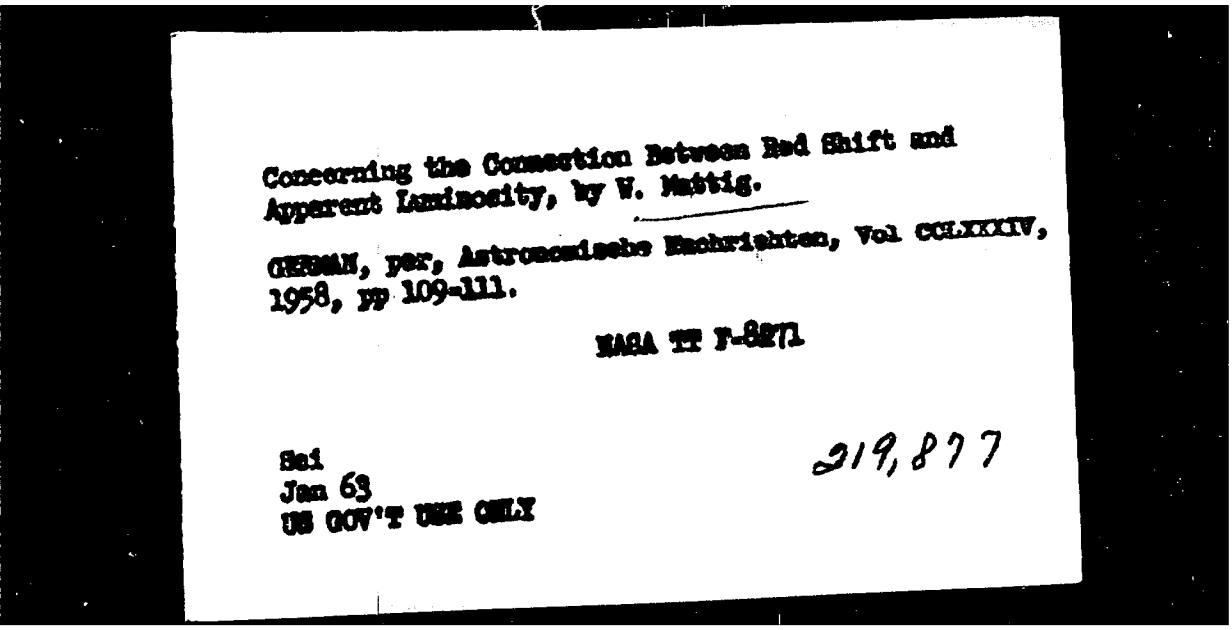
RAE 819

Sci - Chem
Dec 59

103059

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Concerning the Connection Between Red Shift and Apparent Luminosity, by W. Mattig.

GERMAN, per, Astronomische Nachrichten, Vol CCLXXXIV, 1958, pp 109-111.

NASA TT F-8271

219,877

Sai
Jan 63
US GOV'T USE ONLY

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Concerning the Relationship Between the Number of Extragalactic Objects and the Apparent Brightness, by W. Mattig.

GERMAN, per, Astronomische Nachrichten, Vol CCLXXXV, 1959, pp 1, 8.

NASA TT F-8896

Sci
Jan 63
US GOV'T USE ONLY

219,870

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Observations of Perepheral Sun Spots in the Halpha to H_{delta} Balmer Lines, by W. Mattig, 3 pp.

GERMAN, per, Monatsberichte der Deutschen Akademie der Wissenschaften zu Berlin, Vol I, No 12, 1959, pp 723-727.

IGC 112
3

Sci - Geophys
May 60

116,653

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Observations and Studies on Two Cases of Akrodermatitis Enteropathica Familiare, by Giuseppe Romeo, Vincenzo Mattina, 21 pp.

ITALIAN, per, Acta Paediatrica Latina, Vol III, Jul/Aug, pp 275-319.

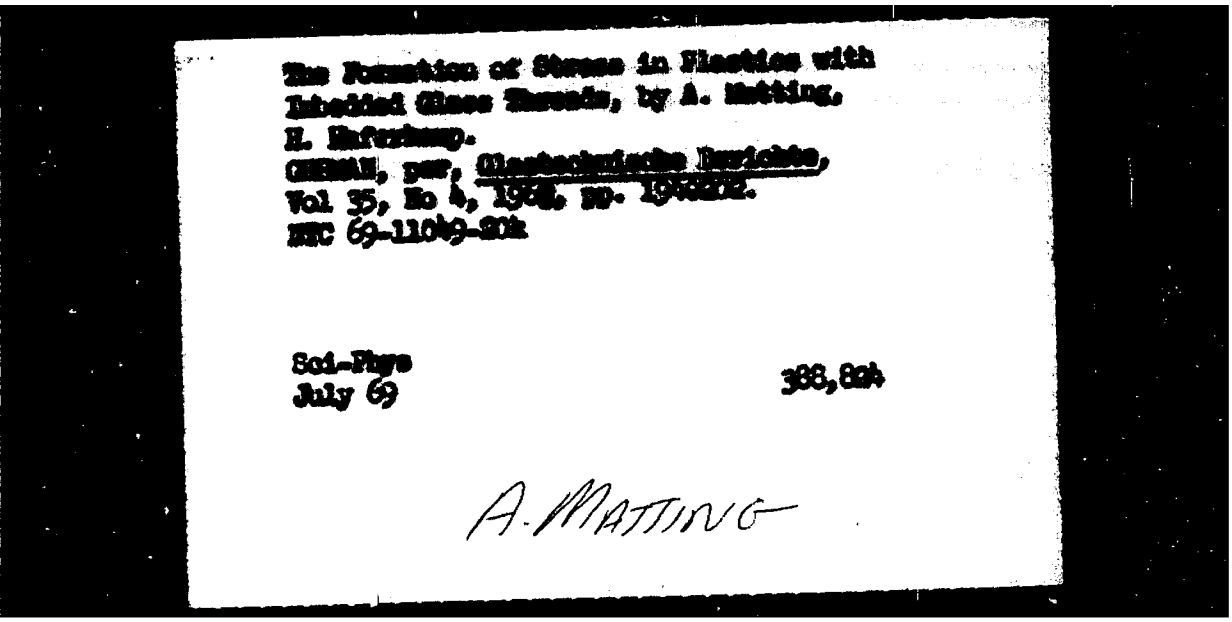
SLA 60-16614

Sci
Vol IV, No 7
Apr 62

192, 625

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



The Formation of Stresses in Plastics with Imbedded Glass Threads, by A. Mating, H. Schreiber.
CHEMIE, pub; Glastechnische Berichte, Vol 35, No 4, 1962, pp. 154-162.
NYC 69-11049-2Pk

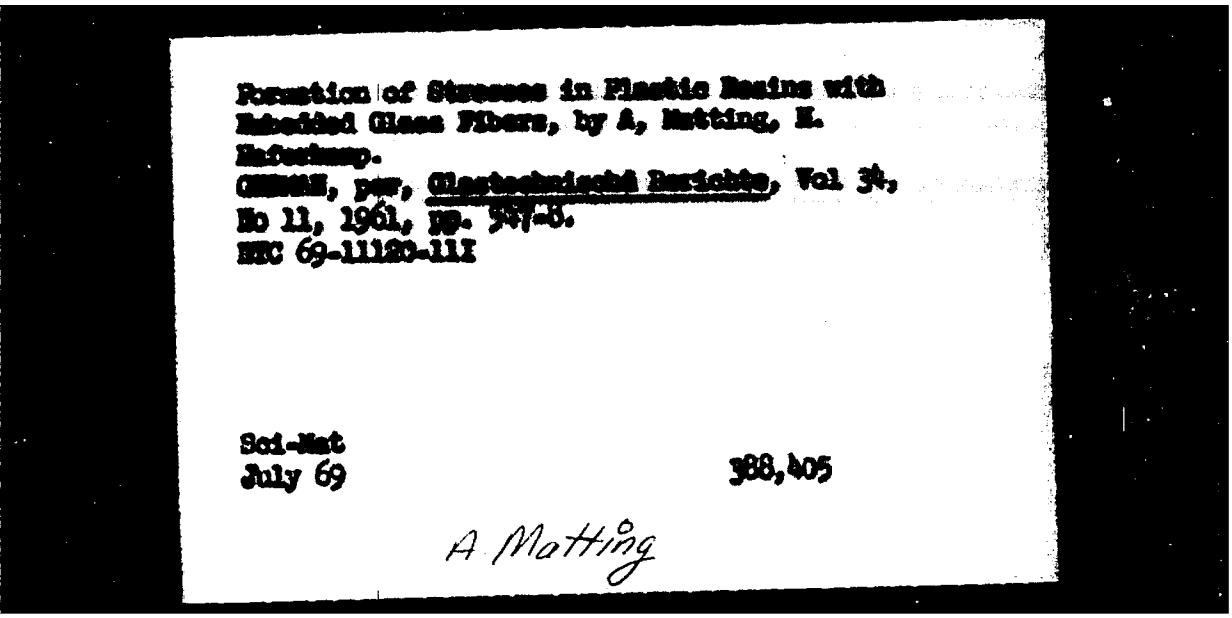
Sci-Phys
July 69

388,824

A. MATTING

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Formation of Stresses in Plastic Resins with Embedded Glass Fibers, by A. Matting, H. Rafenkamp.
GERMAN, per, Glastechnische Berichte, Vol 34, No 11, 1961, pp. 537-8.
NEC 69-11120-111

Sci-Mat
July 69

388,405

A Matting

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

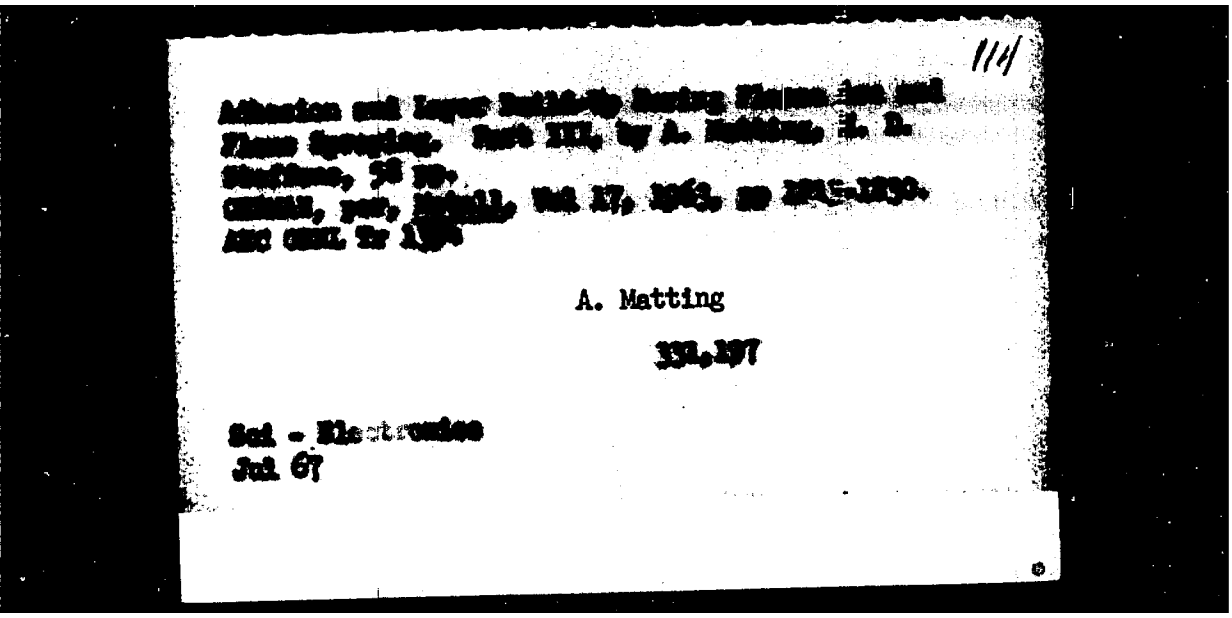
A. Matting

Adhesion and Layer Formation for Arc and Flame Spraying, by A. Matting.
EUROPEAN, per, Metall, Vol 17, 1963, pp 583-593; 905-922; 1213-1227.
MRC 72-14247-13M

Jan 73

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



1114

Adhesion and Layer Buildup During Plasma Jet and Flame Spraying. Part III, by A. Matting, L. D. Hoffman, 28 pp.
Chimia, Switz., Apr 63, Vol 17, 1963, pp 165-170.
AEC Cecil Tr 1,[illegible]

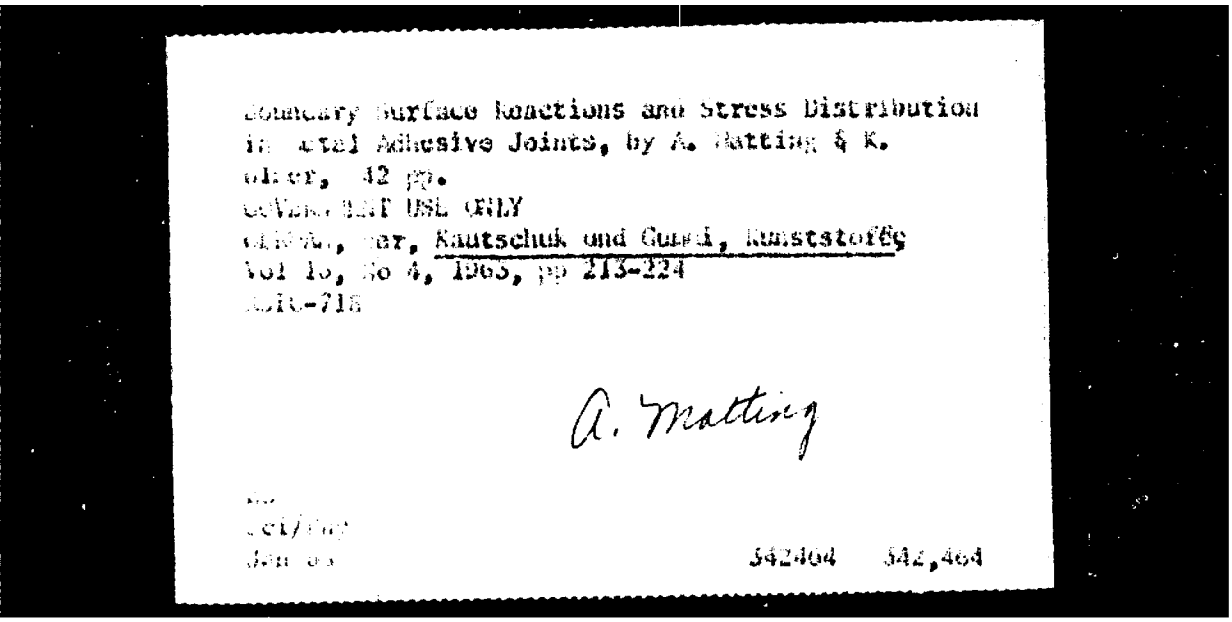
A. Matting

331.197

Sol - Electrodes
Jul 67

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



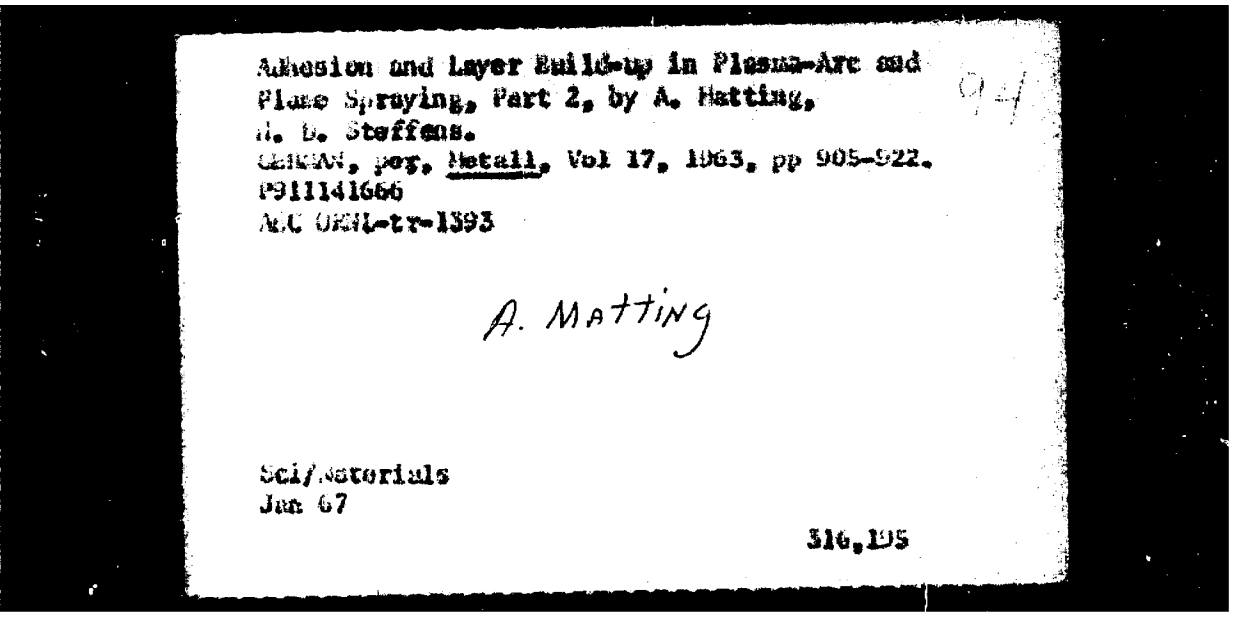
Boundary Surface Reactions and Stress Distribution
in Metal Adhesive Joints, by A. Matting & K.
Ulmer, 42 pp.
CONFIDENTIAL USE ONLY
Gummi, Fasern, Kautschuk und Gunst, Kunststoffe
Vol 16, No 4, 1963, pp 213-224
Unclassified

A. Matting

542464 542,464

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Adhesion and Layer Build-up in Plasma-Arc and Flame Spraying, Part 2, by A. Matting, H. D. Steffens.
GERMAN, Ber. Metall, Vol 17, 1963, pp 905-922.
P911141666
AEC ORNL-tr-1393

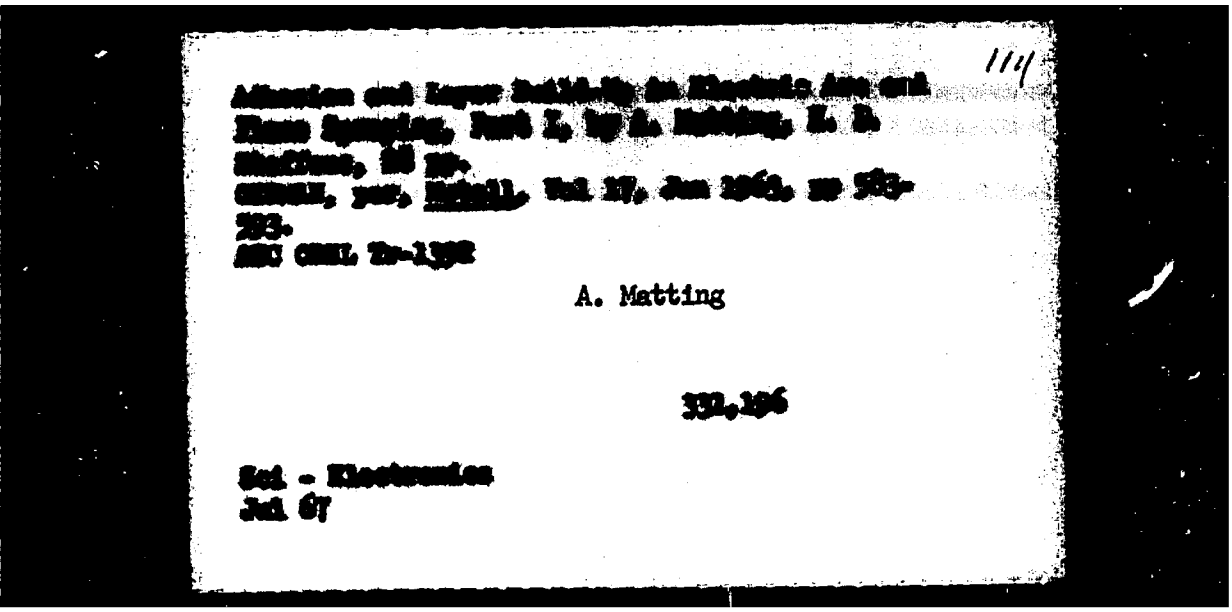
A. Matting

Sci/Materials
Jan 67

316,195

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



114

[redacted]

[redacted]

[redacted]

[redacted]

A. Matting

332.126

[redacted]
Jul 67

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Research Into the Metal Arc Spraying Process, by A. Matting and H. D. Steffens.

GERMAN, per, Zeitschrift fur Metallkunde, Vol LIII, 1962, pp 138-144.

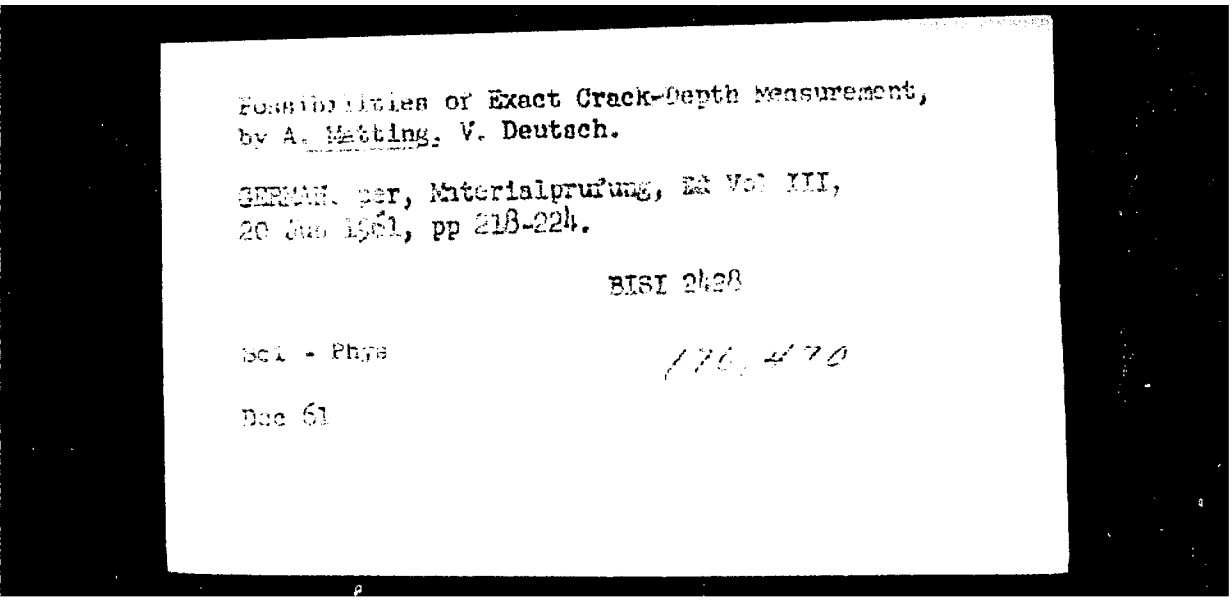
BISI 3116

Sci - M/M
Mar 63

224,471

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0



Possibilities of Exact Crack-Depth Measurement,
by A. Matting, V. Deutsch.

GERMAN, per, Materialprufung, Bd Vol III,
20 Jun 1961, pp 218-224.

BISI 2438

Sci - Phys

Dec 61

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

The Calculation of Glass Fiber Reinforced Plastics, by A. Matting, G. Niederstadt. 28 pp. GERMAN, per, Sonderdruck aus der Zeitschrift "Kunststoffe" (Special Reprint from the Journal "Plastics"), Carl Hanser Zetischriftenverlag GmbH, Munichen, Vol 57, No 6, 1967, pp 2-8.
FOR OFFICIAL USE ONLY FOR INTERNAL USE WITHIN THE DEPARTMENT OF DEFENSE ONLY
NOT FOR RELEASABILITY TO DEFENSE DOCUMENTATION CENTER.
AIR/FTD/MT-23-161-68

A. Matting
sci/materials
oct 69

393,143

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Investigations on the Strength of Glued Light Metal Joints, by P. Brenner, A. Matting.

GERMAN, per, Aluminium, Vol XXX, No 1, 1954, pp 3-9.

CSIRO

Sci - Min/Met

Jun 61

157,806

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Test of Operational Strength with Programme-Controlled Hydraulic Testing Machines: Sects, by Alexander Matting, Gerhard Jacoby, 19pp
GERMAN, per, Materialprufung, Vol 4, 1962, No 4, pp 117-128
CFSTI TT-64-18357

Alexander Matting
323,796

Sci - Engineering

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Matting, Alexander and Hahn, Karl Friedrich.
PROPERTIES OF METAL ADHESIVES AND THE BEHAVIOR OF CEMENTED LIGHT METAL JOINTS. Abbreviated Thesis, Hannover U. (West Germany). [1961] 32p. 39 refs.
Order from SLA $3.60 61-20936

Trans. of V[erein] D[eutscher] I[ngenieure]. Zeitschrift (West Germany) 1959 [v. 101, no. 31]p. 1448-1461.

DESCRIPTORS: *Adhesives, *Metal joints, *Cements, Elasticity, Creep, Stresses.

The elastic and plastic deformations of the components and the non-linear behavior of the cement determine the stress conditions in the glued joint which undergoes changes if continuously held under stress. Creep under stress of the joint follows other rules than those valid for metal or cement specimens. Results of long-
(Materials--Adhesives, TT, v. 7, no. 9) (over)

61-20936

I. Matting, A.
II. Hahn, K. F.
III. Hannover U. (West Germany)

206065

Office of Technical Services

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Theory of Heat Transfer in Smooth and Rough Pipes, by G. D. Mattioli

GERMAN, per, Forschung auf dem Gebiete des Ingenieurwesens, Vol XI, No 4, 1940, pp 149-158.

S.L.A. Tr Pool

Scientific - Engineering
CTS/MX

14,255

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

A Study of Peroxidase and Catalase Activity of Penicillium Chrysogenum Q-176 with Reference to the Accumulation of Penicillin in the Culture Medium, by N. L. Mattison, 8 pp.

RUSSIAN, per, Biokhimiya, Vol XX XXIII, No 1, 1958, pp 22-29.

Consultants Bureau

Sci - Chem
Nov 58

77,045

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0

Reduced Alpha-particle Widths in the Alpha-Particle Nuclear Model, by Z. Matthis, V. G. Neudachin, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Seriya Fiz, Vol XXVI, No 9, 1962, 1199-1208 pp.

CIT

Sci
Sep 63

242,050

APPROVED FOR RELEASE: Monday, July 28, 2003 CIA-RDP91-00929R000100380019-0